September 24, 2020

New Hampshire House Environment and Agriculture Committee
New Hampshire Senate Energy and Natural Resources Committee
107 North Main Street
Concord, NH 03301

Subject: 2020 Integrated Pest Management Annual Report
Pursuant to RSA 430:50 III
New Hampshire Department of Agriculture, Markets & Food

Dear Honorable Members of the New Hampshire House Environment and Agriculture Committee and Honorable New Hampshire Senate Energy and Natural Resources Committee:

Pursuant to New Hampshire’s Pesticides Controls Law, Revised Statutes Annotated 430:50,III, the New Hampshire Department of Agriculture, Markets and Food (DAMF) shall submit an annual report to you in regard to DAMF’s Integrated Pest Management Program.

New Hampshire Law defines integrated pest management (IPM) as “…a sustainable approach to managing pests by combining the use of biological, cultural, physical, and chemical tactics in a way that minimizes economic, health and environmental risks.”

The IPM Program provides grant opportunities to organizations that conduct efforts to control pests through the use of IPM techniques. Funding for grants is provided through pesticide product registration fees, paid by pesticide manufacturers to sell or distribute its products in New Hampshire.

In 2020, DAMF approved eight grants for a total of $193,218 in grant funds. A description of grant activity for calendar year 2020 is included in the report attached to this correspondence.

Questions with regard to this report or the IPM Program can be directed to Mr. David J. Rousseau of this office at (603) 271-3640 or David.Rousseau@agr.nh.gov.

Sincerely submitted,

Shawn N. Jasper
Commissioner

cc: New Hampshire Pesticide Control Board/New Hampshire Division of Pesticide Control
2020 Integrated Pest Management Program Report

A. Background:

Effective July 1, 1999, the 1998 General Court passed legislation amending the pesticide law to include an Integrated Pest Management (IPM) program. Twenty-five percent of pesticide product registration fees are dedicated to a non-lapsing IPM fund (seventy-five percent is deposited into the state’s general fund). The Department provides access to the IPM fund through a grant process made available to successful grantees that conduct projects relating to Integrated Pest Management in New Hampshire for the benefit of its citizens. The following is a description of projects for 2020:

B. 2020 Project Descriptions:

1. Grant Activity:

   a. “2020 Fall Educational Meeting-All about Mites and Honey Bees”

Heather Achilles, President, New Hampshire Beekeepers Association ($3,145)

The project goal is to provide pest specific integrated pest management instruction to individuals that manage bees for honey production.


Rachel Maccini, Project Manager, UNH Cooperative Extension, Pesticide Safety Education Program ($38,430)

The project goal is to provide integrated pest management instruction to licensed pesticide applicators maintaining continuing education credits and individuals preparing to take a pesticide exam leading to licensure.

   c. “2020 IPM Program for Spotted Wing Drosophila On-Farm Monitoring”

George Hamilton, Project Manager, UNH Cooperative Extension- Hillsborough County ($40,939)

The Spotted Wing Drosophila is a recent invasive pest attacking valuable fruit crops; specifically, berries and peaches. It has caused extensive damage throughout the country, occasionally resulting in total crop loss. This project incorporates integrated pest management into control of the insect.
d. "2020 IPM Program for Brown Marmorated Stink Bug On-Farm Monitoring"
George Hamilton, Project Manager, UNH Cooperative Extension - Hillsborough County ($29,998)

The goal of the project is to gather information on the Brown Marmorated Stink Bug, an invasive pest, relative to its impact on New Hampshire fruits and vegetables for development of an IPM strategy to manage the pest.

Vicky Nelson, Rockingham County Conservation District ($17,825)

The goal of the project is to use integrated pest management techniques to reduce the spread of invasive plants from municipal working lands, such as stump dumps, fill stockpiles, and town sheds.

f. "2020 IPM Program for Vegetable Crops On-Farm Monitoring"
George Hamilton, Project Manager, UNH Cooperative Extension - Hillsborough County ($42,351)

These agricultural projects focus on the use of integrated pest management, including on-farm monitoring, to control certain insects that damage certain vegetables.

Insect/Crop:
- a) Corn Earworms/sweet corn
- b) Fall Armyworm/sweet corn
- c) European Corn Borer/sweet corn
- d) Western Bean Cut Worm/sweet corn
- e) Squash Vine Borer/vine crops


g. "Odiorne Point State Park Habitat Restoration 2020 Advancing Towards Frost Point"
Vicky Nelson, Rockingham County Conservation District ($15,640)

The project goal is the use of integrated pest management techniques to restore and maintain native vegetation

h. "2019 Assessment of Chemical Control for Bird Damage to Sweet Corn"
Robert Johnson II, Policy Director, New Hampshire Farm Bureau ($4,900)

The goal of the project is to investigate the use of certain bird control measures in response to the loss of sweet corn in recent years. This project is a carry-over from 2019 funded in 2020.